



The Dubai Health Authority

Unifying healthcare across the Emirate through the introduction of a new healthcare platform - NABIDH

The Dubai Health Authority (DHA) has an ambitious plan to unify healthcare across the Emirate through the introduction of a new healthcare platform – NABIDH (The Network & Analysis Backbone for Integrated Dubai Health).

NABIDH, which is Arabic for pulse, securely unifies patient health records that were previously distributed across Dubai's public and private healthcare network. The health information exchange is powered by InterSystems' HealthShare platform, which was implemented by J2 Interactive in partnership with InterSystems and IBM.



8.1M

Unified Medical
Records



30,000+

Connected
Clinicians



245

Connected
Facilities



49

Connected
EMRs

As part of this project, J2 Interactive integrated NABIDH with a number of local health systems, utilizing a variety of internationally recognized data standards — and, in doing so, established a robust baseline for further integration with additional healthcare providers throughout Dubai.

In addition to the normalized clinical data repository provided by the HealthShare Unified Care Record, J2 worked with InterSystems and IBM to introduce a suite of HealthShare solutions that put this data directly in the hands of patients and their providers. These solutions include the Clinical Viewer, which shares a patient's comprehensive longitudinal record within existing clinical workflows, and a groundbreaking patient portal that securely provides a complete medical history in both English and Arabic. J2 also developed a comprehensive consent model to ensure security and data integrity, as well as customized rules to disambiguate patient identity through the careful and appropriate linking of data from various disparate systems.

Company Snapshot

Founded
July 2001

Size
Employees: 200+

Geographical Presence
United States
Canada
United Kingdom
Continental Europe
Middle East

Awards
Best in KLAS, Technical Services
2020, 2013/2014

Inc. Magazine's Inc. 5000 List
2017, 2016, 2015

Modern Healthcare's Best Places
to Work in Healthcare
2021, 2020, 2019, 2018, 2017, 2016





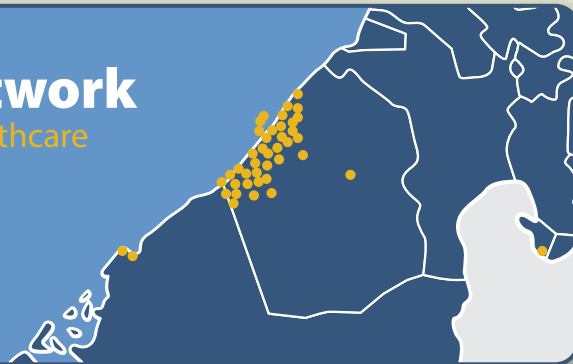
Finally, J2 implemented InterSystems' powerful analytics tool, HealthShare Health Insight, to give the Dubai Health Authority a more complete view of population health and quality of care across the entire NABIDH community.

The project took just under a year to complete, with participation from key stakeholders across the United Arab Emirates government and the Dubai Health Authority, in addition to each of the facilities that provided access to their patients' records. It was a truly international undertaking, with close collaboration by engineers and subject matter experts from J2, InterSystems, IBM, and the DHA spread across eleven time zones. Moreover, NABIDH's implementation of HealthShare was a demonstration of great determination and resilience in the face of significant challenges posed by the global pandemic.

NABIDH Network

Unifying Dubai's Healthcare

A healthcare platform to securely exchange trusted healthcare information across public and private facilities in Dubai.



As of 7th November 2022, the NABIDH HIE manages over 8 million patient medical records within HealthShare. The platform has successfully integrated more than 200 medical facilities using 25 different EMR systems. Over 30,000 physicians use NABIDH on a daily basis to support their decision-making and provide better healthcare to their patients. Enabled by the work done by J2 and InterSystems, the DHA has also defined new clinical data coding terminologies, interoperability and data exchange standards, technical and operational standards, and health information security standards to be followed by all healthcare providers under its jurisdiction. These policy changes, supported by the technical foundation laid by J2, will pave the way for further improvements in the years to come.

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"J2 is a trusted partner who, like InterSystems, puts a high value on client success."

—John Paladino
VP, Client Services
InterSystems Corporation

"As a trusted, long-time partner of InterSystems, J2 has implemented our technologies widely, reliably, and with a shared commitment to excellence."

—Don Woodlock
Head of Global Healthcare Solutions
InterSystems Corporation



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